

# **GSFC Space and Earth Sciences Transformation**

## **Status**

October 18, 2004

# Status of Transformation Actions

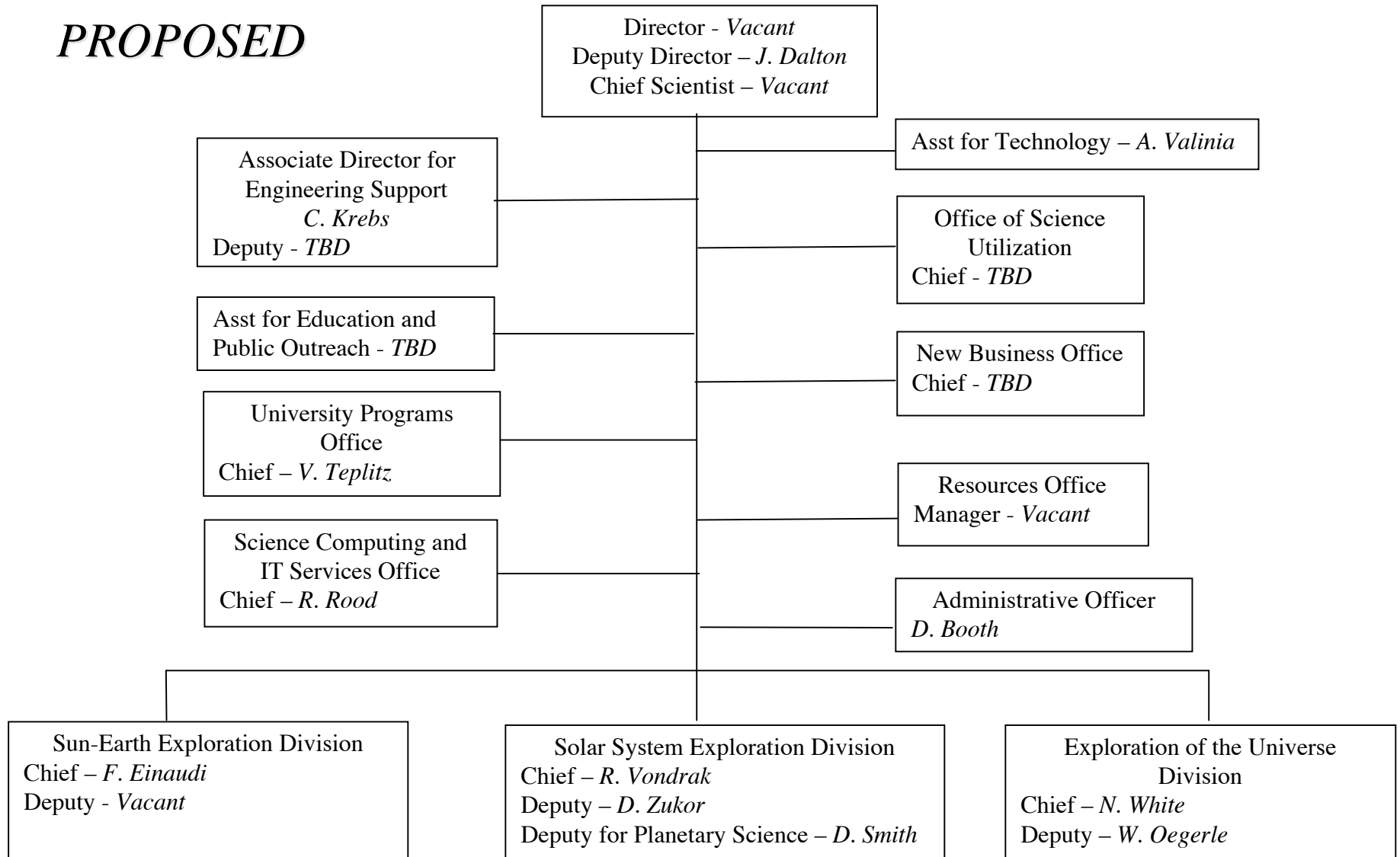
- Defined structure of new Sciences and Exploration Directorate
- Designated senior managers for Science Divisions and most other organizations
  - Remaining positions (except top box) to be filled internally
- Most changes determined at organization level
- Development of reorganization package in progress
- Note:
  - Not all key people in current Code 600/900 organizations are shown on new org chart. Some organization details still being worked.

## Major Changes in Sciences Transformation

- Consolidating solar physics and sun-Earth magnetosphere research with Earth atmosphere, hydrosphere, and biosphere research in **Sun-Earth Exploration Division**
- Consolidating planetary atmospheres and planetary surface research with planetary magnetosphere, planetary systems, and astrobiology/astrochemistry research in **Solar System Exploration Division**
- Consolidating astronomy research with astrophysics research in **Exploration of the Universe Division**
- Consolidating similar operations (science computing and IT, resources management, technology management, etc.) from current Earth and Space Sciences Directorates
- Creating Associate Director for Engineering Support to strengthen engineering for laboratory research
- Creating Office of Science Utilization to strengthen application of NASA science results to local and national needs
- Creating New Business Office to support development of science proposals and streamline approval process

# SCIENCES AND EXPLORATION DIRECTORATE

*PROPOSED*

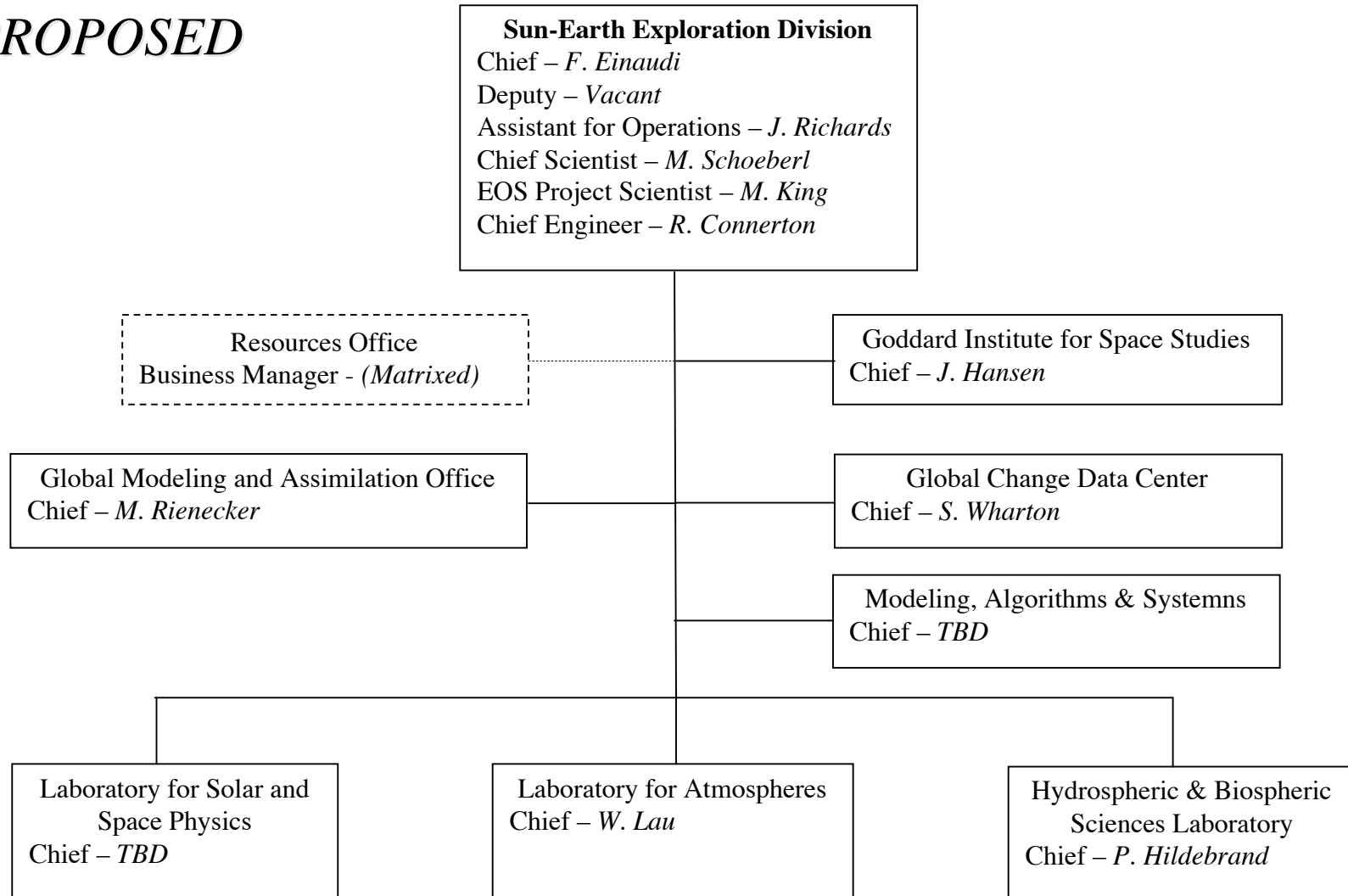


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# Sun-Earth Exploration Division

*PROPOSED*



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*PROPOSED*

## SUN-EARTH EXPLORATION DIVISION

### Sun-Earth Exploration Division

Chief – *F. Einaudi*

Deputy – *Vacant*

Assistant for Operations – *J. Richards*

Chief Scientist – *M. Schoeberl*

EOS Project Scientist – *M. King*

Chief Engineer – *R. Connerton*

Resources Office  
Business Manager - (*Matrixed*)

Global Modeling and  
Assimilation Office  
Chief – *M. Rienecker*

Goddard Institute for Space Studies  
Chief – *J. Hansen*

Global Change Data Center  
Chief – *S. Wharton*

Modeling, Algorithms & Systems  
Chief - *TBD*

Laboratory for Solar and Space  
Physics  
Chief – *TBD*

Laboratory for Atmospheres  
Chief – *W. Lau*

Laboratory for Hydrospheric and  
Biospheric Sciences  
Chief – *P. Hildebrand*

Solar  
Physics  
D. Rabin

Heliospheric  
Physics  
T.E. Moore

Geospace  
Physics  
J.A. Slavin

Space  
Physics Data  
Facility  
R. McGuire

Mesoscale  
Atmos.  
Processes  
D. Starr

Climate &  
Radiation  
R. Cahalan

Atmos.  
Chemistry &  
Dynamics  
P.K. Bhartia

Oceans &  
Ice  
W. Abdalati

Observational  
Sciences  
J. Gerlach

Hydrological  
Sciences  
P. Houser

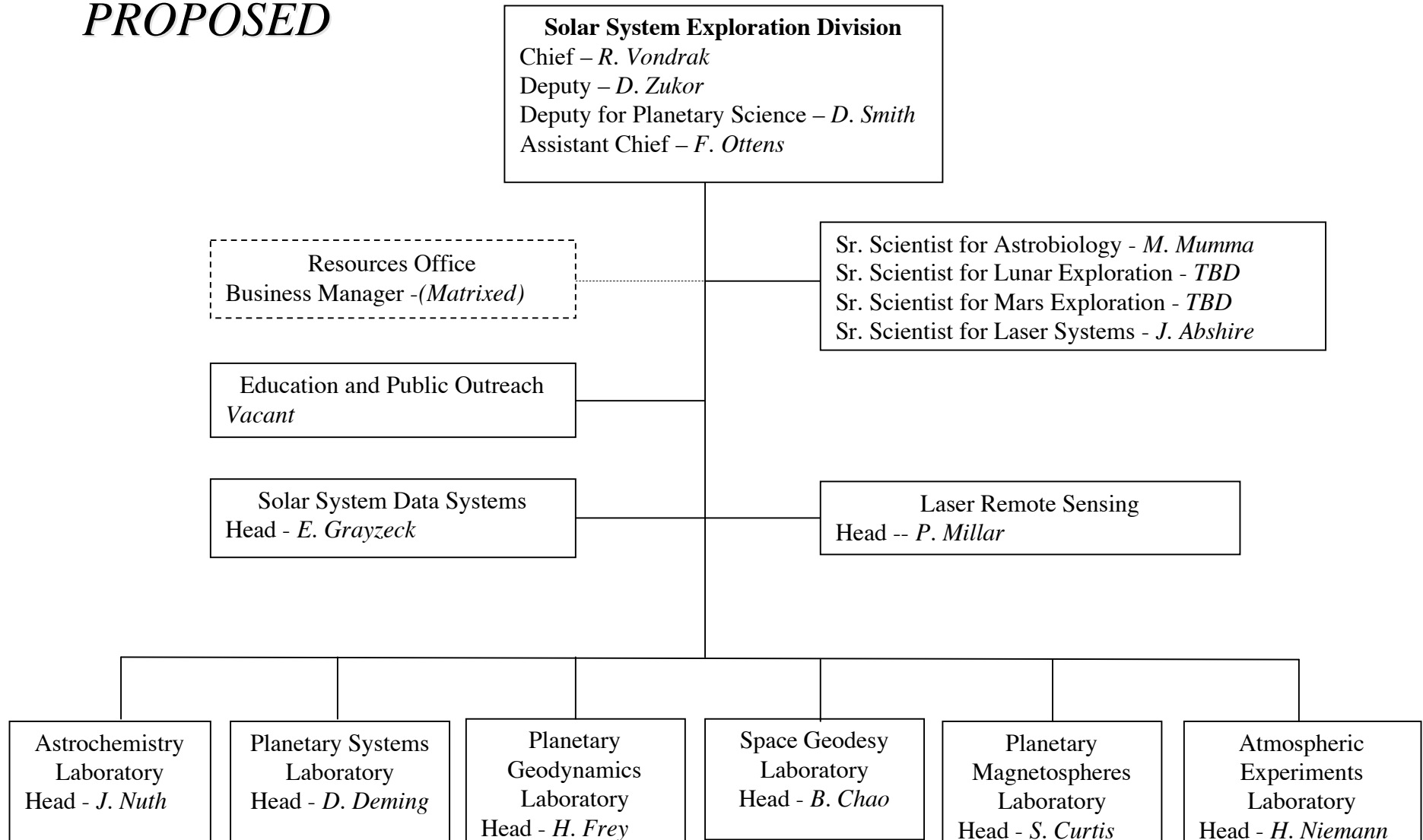
Microwave  
Sensors  
Vacant

Terrestrial  
Info. Systems  
E. Masuoka

Biospheric  
Sciences  
J. Ranson

# Solar System Exploration Division

*PROPOSED*

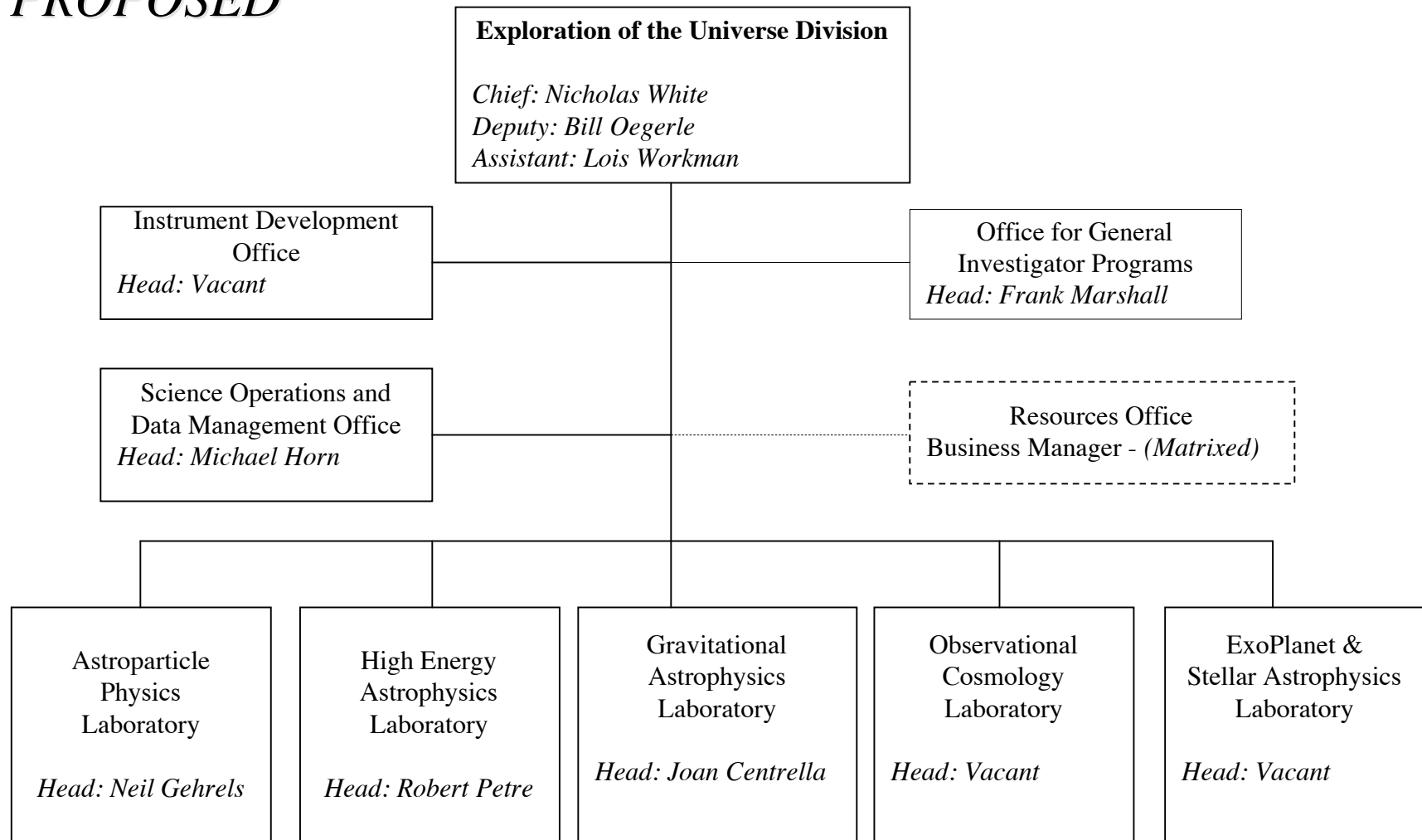


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***PROPOSED***

## Exploration of the Universe Division

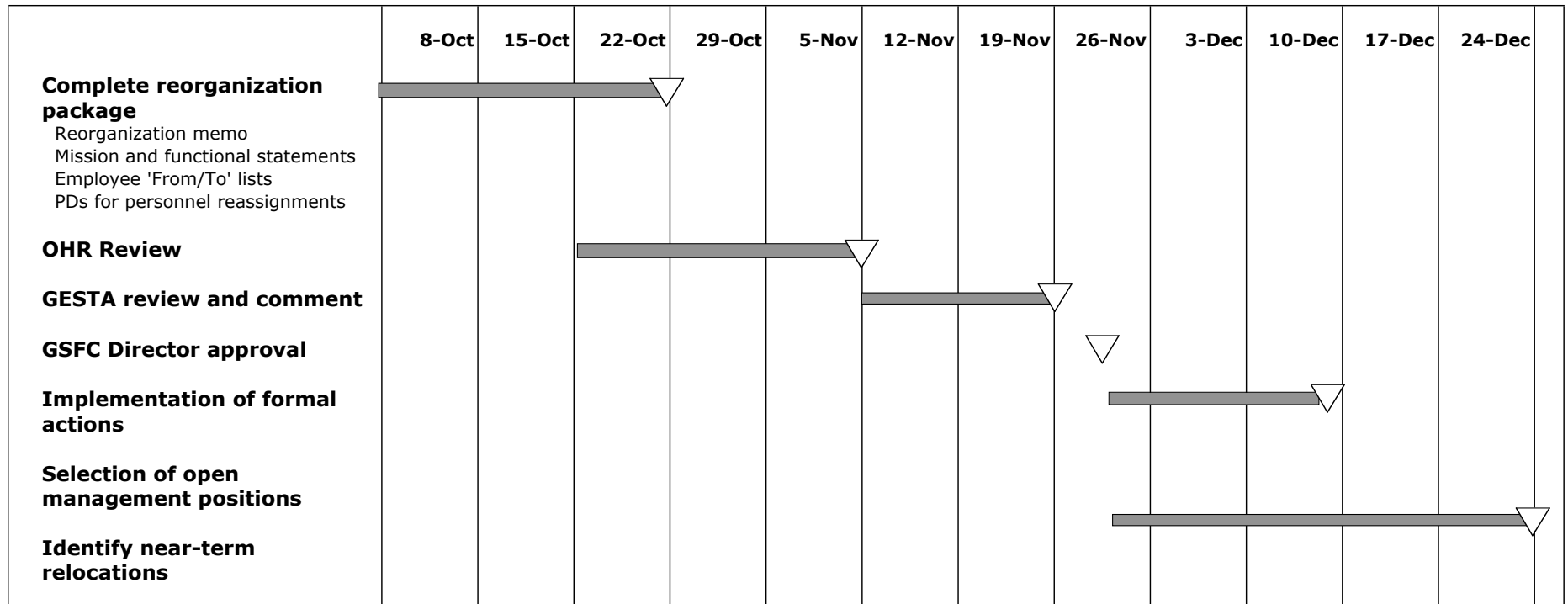


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# Transformation Schedule



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# **New Director of Sciences and Exploration - Status**

- Search committee formed
  - Chaired by F. Einaudi and J. Dalton
  - Membership:
    - HQ: 3
    - GSFC - Space Sciences: 2
    - GSFC - Earth Sciences: 3
    - External - Space Sciences: 3
    - External - Earth Sciences: 3
- Committee identified initial list of candidates
- Committee review and development of recommended candidate list in progress

# Search Committee

- HQ:
  - Jim Garvin
  - Marc Allen
  - Jack Kaye
- GSFC - Space Science:
  - John Mather
  - Joan Centrella
- GSFC - Earth Science:
  - Waleed Abdalati
  - Jim Smith
  - Mark Schoeberl
- External - Space Science:
  - Frances Bagenal (U. of Col.)
  - Judith Lean (NRL)
  - Gary Melnick (Harvard/SAO)
- External - Earth Science:
  - Berrien Moore (UNH)
  - Rick Anthes (UCAR)
  - Marv Geller (SUNY)